

### **REMARKS**

This paper responds to the Office Action mailed on May 21, 2007.

Claims 140, 146, 154, 159 and 160 are amended, claims 93, 95, 114, 133, 147 and 161 are canceled, and no claims are added; as a result, claims 81-82, 92, 94, 96-113, 115-132, 134-146 and 148-160 are now pending in this application.

Applicant has canceled, without prejudice or disclaimer, claims 93, 95, 114, 133, 147 and 161 to expedite prosecution.

Applicant has amended claims 140 and 154 to correctly identify a component of the claim as “the Active command signal, the Bank Address signals, and the first subset of the Row Address signals” instead of “the first portion of the F-bit word,” and “the second subset of the Row Address signals” instead of “the second portion of the F-bit word.” Applicant notes that such amendments were made to cure insufficient antecedent basis and not in response to a prior art rejection of the claims.

Applicant has amended claims 146 and 160 to correctly identify a component of the claim as “the number of bits in the Active command signal, the Bank Address signals, and the first subset of the Row Address signals” instead of “H,” and “the number of bits in the second subset of the Row Address signals” instead of “G.” Applicant notes that such amendments were made to cure insufficient antecedent basis and not in response to a prior art rejection of the claims.

Applicant has amended claim 159 to correctly signify dependency upon claim 154 instead of claim 158. Applicant notes that such amendment was made to correct improper dependent form and not in response to a prior art rejection of the claim.

Accordingly, Applicant submits that no new matter has been introduced, and respectfully requests entry of the amendments to claims.

### **Claim Objections**

Claim 159 was objected to for informalities. Applicant has amended claim 159 to overcome this objection. Applicant notes that such amendment was made to correct improper

dependent form and not in response to a prior art rejection of the claim. Accordingly, Applicant respectfully requests entry of the amendment and withdrawal of this objection to said claim.

*§112 Rejection of the Claims*

Claims 93, 95, 114 and 133 were rejected under 35 U.S.C. § 112, first paragraph, as lacking adequate description or enablement. Applicant respectfully traverses. However, to expedite prosecution, Applicant has canceled claims 93, 95, 114 and 133, thereby mooting this ground of rejection for said claims.

Claims 93 and 95 were rejected under 35 U.S.C. § 112, second paragraph, for indefiniteness. Applicant has canceled claims 93 and 95, thereby mooting this ground of rejection for said claims.

Claims 93, 95, 140-147 and 154-161 were rejected under 35 U.S.C. § 112, second paragraph, for indefiniteness. Applicant respectfully traverses. However, to expedite prosecution, Applicant has canceled claims 93, 95, 147 and 161, thereby mooting this ground of rejection for said claims. With respect to claims 140, 146, 154 and 160, Applicant has amended said claims to overcome this rejection. Applicant notes that such amendments were made to correct indefiniteness and not in response to a prior art rejection of the claims. Accordingly, Applicant respectfully requests entry of the amendments, and withdrawal of this rejection to said claims. With respect to dependant claims 141-145 and 155-159, Applicant respectfully submits that such claims include patentable subject matter beyond that recited in their respective base claims, and Applicant reserves the right to later present further remarks concerning such dependent claims.

Claims 140 and 154 were rejected under 35 U.S.C. § 112, second paragraph, for insufficient antecedent basis. Applicant has amended claims 140 and 154 to overcome this rejection. Applicant notes that such amendments were made to correct insufficient antecedent basis and not in response to a prior art rejection of the claims. Accordingly, Applicant respectfully requests entry of the amendments and withdrawal of this rejection to said claims.

Claims 145 and 160 were rejected under 35 U.S.C. § 112, second paragraph, for insufficient antecedent basis. Applicant has amended claims 145 and 160 to overcome this rejection. Applicant notes that such amendments were made to correct insufficient antecedent

basis and not in response to a prior art rejection of the claims. Accordingly, Applicant respectfully requests entry of the amendments and withdrawal of this rejection to said claims.

Claims 93, 95, 147 and 161 were rejected under 35 U.S.C. § 112, second paragraph, for insufficient antecedent basis. Applicant has canceled claims 93, 95, 147 and 161, thereby mooting this ground of rejection for said claims.

Allowable Subject Matter

Claims 81-82, 92, 94, 96-113, 115-132, 134-139 and 148-153 were allowed.

**Reservation of Rights**

In the interest of clarity and brevity, Applicant may not have addressed every assertion made in the Office Action. Applicant's silence regarding any such assertion does not constitute any admission or acquiescence. Applicant reserves all rights not exercised in connection with this response, such as the right to challenge or rebut any tacit or explicit characterization of any reference or of any of the present claims, the right to challenge or rebut any asserted factual or legal basis of any of the rejections, the right to swear behind any cited reference such as provided under 37 C.F.R. § 1.131 or otherwise, or the right to assert co-ownership of any cited reference. Applicant does not admit that any of the cited references or any other references of record are relevant to the present claims, or that they constitute prior art. To the extent that any rejection or assertion is based upon the Examiner's personal knowledge, rather than any objective evidence of record as manifested by a cited prior art reference, Applicant timely objects to such reliance on Official Notice, and reserves all rights to request that the Examiner provide a reference or affidavit in support of such assertion, as required by MPEP § 2144.03. Applicant reserves all rights to pursue any cancelled claims in a subsequent patent application claiming the benefit of priority of the present patent application, and to request rejoinder of any withdrawn claim, as required by MPEP § 821.04.

**CONCLUSION**

Applicant respectfully submits that the claims are in condition for allowance and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicant's attorney (612) 349-9587 to facilitate prosecution of this application.

If necessary, please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

Respectfully submitted,

JOO S CHOI ET AL.

By their Representatives,

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Date

25 June '07

By



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**CERTIFICATE UNDER 37 CFR 1.8:** The undersigned hereby certifies that this correspondence is being filed using the USPTO's electronic filing system EFS-Web, and is addressed to: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 25 day of June 2007.

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